

# CONTRACT

## SPECIAL PROVISIONS

Project No.: SP-0191(38)63

Name: SR-191 MP 62.7 SOUTH OF MONTICELLO

County: SAN JUAN

Bid Opening: APRIL 15, 2003

Date



**2002 - U.S. Standard Units (Inch-Pound Units)**

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**I. 2002 Standard Specifications**

The State of Utah Standard Specifications for Road and Bridge Construction, U.S. Standard Units (Inch Pound Units) CSI Format, Edition of 2002 with Changes One and Two included applies on this project.

## **II. List of Revised Standard Specifications**

### **Change One – Included in 2002 Standard Specifications**

Revised August 29, 2002

Section 00570 Articles 1.2 A 69, A 71 b (deleted)  
Section 00727 Articles 1.1 D; 1.5 B; 1.9; 1.10; 1.16 B, C; 1.18 B  
Section 01574 Articles 1.2 B  
Section 02721 Articles 1.2 D (added), H (replaced), I (deleted); 1.6 B1; 2.1 A Table 3; 3.2 C  
Section 02741 Articles 3.8 E 2 a, b  
Section 02821 Articles 3.1 A  
Section 02892 Articles 1.5 A, B  
Section 02936 Articles 1.4; 1.5 C  
Section 03152 Articles 1.2 P, Q; 2.2 A, B  
Section 05120 Articles 1.4 A (deleted), 3.3 A  
Section 16525 Articles 1.6 A, B

### **Change Two – Included in 2002 Standard Specifications**

Revised December 19, 2002

Section 01561 Article 3.1 A  
Section 02075 Article 2.7 A  
Section 02372 Article 2.1 A 4  
Section 02455 Article 3.3 B 2  
Section 02785 Article 3.2 C  
Section 02861 Article 3.3 A  
Section 03055 Articles 1.2 P (inserted), 2.3 B, 2.4 (deleted), 2.7 A 1 a-e (added), 2.7 B 2 (added), 2.8 A 1 a, 2.8 A 2 (deleted), 2.9 A3, 3.2 A Table, 3.2 C, 3.7 A 3, 3.8 C 1, 3.9 A-B, 3.10, 3.11 B 1, 3.11 B 3  
Section 07922 Article 2.1 Table 1

### **III. List of Revised Standard Drawings**

#### **Change One**

Revised December 19, 2002

AT 7	Polymer Concrete Junction Box Details	12/19/2002
BA 1A	Precast Concrete Full Barrier Standard Section	12/19/2002
BA 1B	Precast Concrete Full Barrier Standard Section	12/19/2002
BA 3	Cast In Place Constant Slope Barrier	12/19/2002
BA 4B	Beam Guardrail Installations	12/19/2002
BA 4C	Beam Guardrail Anchor Type I	12/19/2002
CC 6	Crash Cushion Type E Sand Barrel Details	12/19/2002
DG 3	Maximum Fill Height and End Sections for HDPE And PVC Pipes	12/19/2002
DG 4	Pipe Culverts Minimum Cover	12/19/2002
EN 4	Temporary Erosion Control (Drop-Inlet Barriers)	12/19/2002
GW 1	Raised Median and Plowable End Section	12/19/2002
PV 2	Pavement Approach Slab Details	12/19/2002
SL 13	Traffic Counting Loop Detector Details	12/19/2002
SN 2	Flashing School Sign	12/19/2002
SN 4	Flashing Stop Sign	12/19/2002
SN 5	Typical Installation For Milepost Signs	12/19/2002
SN 8	Ground Mounted Timber Sign Post (P1)	12/19/2002
ST 1	Object Marker "T" Intersection and Pavement Transition Guidance	12/19/2002
ST 7	Pavement Markings and Signs at Railroad Crossings	12/19/2002
SW 3A	Precast Concrete Noise Wall 1 of 2	12/19/2002
SW 3B	Precast Concrete Noise Wall 2 of 2	12/19/2002
SW 4A	Precast Concrete Retaining/Noise Wall 1 of 2	12/19/2002

#### **IV. Materials Minimum Sampling and Testing**

**Follow the requirements of the Current Materials Minimum Sampling and Testing Manual:**

**Materials Minimum Sampling and Testing Manual reference can be found from the UDOT Web Site at:**

**<http://www.dot.utah.gov/esd/Manuals/Materials/MaterialsSampling.htm>**

**For UDOT employees the Manual can also be found on the Shared Drive at:  
\Shared\Engineering Services\Manuals\Materials (W drive for the Complex  
and R drive for the Regions)**

**V. Notice to Contractors**

Delete this line and insert Notice to Contractors on next page.



# NOTICE TO CONTRACTORS

Sealed proposals will be received by the Utah Department of Transportation UDOT/DPS Building (4th Floor), 4501 South 2700 West, Salt Lake City, Utah. 84114-8220, until 2 o'clock p.m. Tuesday, April 15, 2003, and at that time the download process of bids from the USERTrust Vault to UDOT will begin, with the public opening of bids scheduled at 2:30 for SAFETY/TRAFFIC OPERATIONS of SR-191; SOUTH OF MONTICELLO in SAN JUAN County, the same being identified as State Project No: SP-0191(38)63.

**Federal Regulations:**

Wage Rate Non-Applicable.

**Project Location:** 1 Miles of Route: 191 from R.P. 063 to R.P. 064

**The principal items of work are as follows (for all items of work see attachment):**

HMA - 3/4 inch  
Roadway Excavation (Plan Quantity)  
Traffic Control

**The project is to be completed:** in 35 Working Days.

**Other Requirements:**

All project bidding information, including Specifications and Plans, can be viewed, downloaded, and printed from UDOT's Project Development Construction Bid Opening Information website, <http://www.dot.utah.gov/cns/bidopeninfo.htm>. To bid on UDOT projects, bidders must use UDOT's Electronic Bid System (EBS). The EBS software and EBS training schedules are also available on this website.

Project information can also be reviewed at the main office in Salt Lake City, its Region offices, and its District offices in Price, Richfield, and Cedar City.

Project Plans cannot be downloaded or printed from the website unless your company is registered with UDOT. Go to UDOT's website to register. Unregistered companies may obtain the Specifications and Plans from the main office, 4501 South 2700 West, Salt Lake City, (801) 965-4346, for a fee of \$50.00, plus tax and mail charge, if applicable, none of which will be refunded.

As required, a contractor's license must be obtained from the Utah Department of Commerce.

Each bidder must submit a bid bond from an approved surety company on forms provided by the Department; or in lieu thereof, cash, certified check, or cashier's check for not less than 5% of the total amount of the bid, made payable to the Utah Department of Transportation, showing evidence of good faith and a guarantee that if awarded the contract, the bidder will execute the contract and furnish the contract bonds as required.

The right to reject any or all bids is reserved.

If you need an accommodation under the Americans with Disabilities Act, contact the Construction Division at (801) 965-4346. Please allow three working days.

Additional information may be secured at the office of the Utah Department of Transportation, (801) 965-4346.

**Dated this 29th day of March, 2003.**

**UTAH DEPARTMENT OF TRANSPORTATION**  
**John R. Njord, Director**

**Revised Date:**



## **VI. EQUAL OPPORTUNITY (STATE PROJECTS)**

### **Selection of Labor:**

During the performance of this contract, the Contractor shall not discriminate against labor from any other State, possession, or territory of the United States.

### **Employment Practices:**

During the performance of this contract, the Contractor agrees as follows:

The Contractor will not discriminate against any employee or applicant for employment because of race, religion, sex, color, national origin, age, or disability. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, religion, sex, color, national origin, age, or disability. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoffs or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provide by the State Highway Department setting forth the provisions of this nondiscrimination clause.

The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, religion, sex, color, national origin, age, or disability.

The Contractor will send to each labor union or representative of workers with which the Contractor has a collective bargaining agreement or other contract or understanding, a notice to be provided by the State Highway Department advising the said labor union or worker' representative of the Contractors commitments under this section and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

In the event of the Contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations or orders, this contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further State contracts.

The Contractor will include the provisions of this Section in every subcontract or purchase order so that such provision will be binding upon each Subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as the State Highway Department may direct as a means of enforcing such provisions including sanctions for noncompliance.

## **VII. Bidding Schedule**

Delete this line and insert Bidding Schedule on next page.

# Utah Department of Transportation

## Bidder's Schedule

**Bid Opening Date:** 4/15/2003

**Project Number:** SP-0191(38)63

**Project Name:** SR-191; SOUTH OF MONTICELLO

**Description:** SAFETY/TRAFFIC OPERATIONS

**Funding:** STATE

**Region:** REGION 4

**County:** SAN JUAN

#	Item	Description	Quantity	Unit
<b>10 - ROADWAY</b>				
1	012850010	Mobilization	1	lump sum
2	015540005	Traffic Control	1	lump sum
3	015710020	Check Dam (Stone)	34	cubic yard
4	015720020	Dust Control and Watering	105	1000 gallons
5	017210010	Survey	1	lump sum
6	020560015	Granular Borrow	1366	cubic yard
7	023160020	Roadway Excavation (Plan Quantity)	8866	cubic yard
8	026100576	18 inch Corrugated Metal Pipe Culvert, Class C	40	foot
9	026130030	Culvert End Sections 18 inch	2	each
10	027050010	Asphalt Pavement Sawing	12736	inch-foot
11	027210080	Untreated Base Course 3/4 inch or 1 inch Max	555	cubic yard
12	027410060	HMA - 3/4 inch	734	ton
13	027480010	Liquid Asphalt MC-70 or MC-250	1	ton
14	027480050	Emulsified Asphalt SS-1H	1	ton
15	027490010	Asphalt Concrete Driveway	1	each
16	027650020	Pavement Message Paint	2	each
17	027650050	Pavement Marking Paint	30	gallon
18	027850030	Chip Seal Coat, Type C	7255	square yard
19	027850045	Emulsified Asphalt CRS-2A	13	ton
20	028420010	Delineator Type I	5	each
21	028910010	Relocation of Sign	1	each
22	028910065	Sign Type A-I, 36 inch X 36 inch	1	each
23	02912003P	Strip, Stockpile, and Spread Topsoil	852	cubic yard
24	029220010	Drill Seed	2	acre

\*Note: Item numbers ending with "\*" or "P" identify a change to the Standard Specification, Supplemental Specifications or Measurement and payment. Read all related documents carefully.

## **VIII. Measurement and Payment**

## MEASUREMENT AND PAYMENT

Project # SP-0191(38)63

The Department will measure and pay for each bid item as detailed in this **section**.  
**Payment is contingent upon acceptance by the Department.**

Items are listed by Specification and in tables as follows:

Item #	Bid item number	Bid Item Name	Unit of measurement and payment
Additional information goes here.			

1	012850010	Mobilization	Lump sum
Payment for this item includes Contractor information sign: material, labor, and installation.			
	Payment	Amount Paid	When Paid
	First	The lesser of 25% of mobilization or 2.5% of contract	With first estimate
	Second	The lesser of 25% of mobilization or 2.5% of contract	With estimate following completion of 5% of contract
	Third	The lesser of 25% of mobilization or 2.5% of contract	With estimate following completion of 10% of contract
	Fourth	The lesser of 25% of mobilization or 2.5% of contract	With estimate following completion of 20% of contract
	Final	Amount bid in excess of 10% of contract price.	Project Acceptance-Final

2	015540005	Traffic Control	Lump sum
	Payment	Amount Paid	When Paid
	First	25% of Traffic Control	With first estimate
	Second	25% of Traffic Control	With estimate following completion of 25% of contract
	Subsequent	Percent of Traffic Control bid amount equal to percent of contract complete less previous payments	With estimates following completion of 50% of contract

3	015710020	Check Dam (Stone)	Cubic yard
Measured in place, per structure			

4	015720020	Dust Control and Watering	1000 gal
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<b>5</b>	<b>017210010</b>	<b>Survey (Specialty Item)</b>	<b>Lump sum</b>
<b>6</b>	<b>020560015</b>	<b>Granular Borrow</b>	<b>Cubic Yard</b>
Computed by average end area of plan typical sections.			
<b>7</b>	<b>023160020</b>	<b>Roadway Excavation (Plan Quantity)</b>	<b>Cubic yard</b>
A. Plan quantity, in final position, computed by the method of average end areas. B. Department authorizes cross sections or modifications including excavation below subgrade, unstable slopes, unpreventable slides and terracing. C. Department will not measure or pay for excavation in excess of that authorized. D. The Department pays for re-handing or additional haul when it is directed in writing as "Extra Work." E. Payment for this item includes Removal of Existing Asphalt Pavement. F. Payment for this item includes the cost for removal of existing delineators.			
<b>8</b>	<b>026100576</b>	<b>18 inch Corrugated Metal Pipe Culvert, Class C</b>	<b>Feet</b>
Measured parallel to the center line from barrel end to barrel end, in place. Excavation necessary for placement is included in payment for this item. Flatten and bury ends of existing Pipe at STA 157+68.15 RT. 42.12 & STA 157+89.11 RT. 42.20			
<b>9</b>	<b>026130030</b>	<b>Culvert End Sections 18 inch</b>	<b>Each</b>
Metal end sections, in place			
<b>10</b>	<b>027050010</b>	<b>Asphalt Pavement Sawing</b>	<b>Inch-feet</b>
Measurement: Average depth in inches times length in feet. Payment: When no depth is shown, payment will be based on a depth of 6 inches. If the average depth exceeds the plan depth by 2 inches or more, the unit price will increase by 20 percent.			
<b>11</b>	<b>027210080</b>	<b>Untreated Base Course 3/4 inch or 1 inch Max</b>	<b>Cubic yard</b>
Computed by average end area of plan typical sections.			
<b>12</b>	<b>027410060</b>	<b>HMA - 3/4 inch</b>	<b>Ton</b>
Includes aggregates, asphalt binder, hydrated lime, other additives, etc. The Department will not pay separately for asphalt binder, hydrated lime, additives, etc.			
<b>13</b>	<b>027480010</b>	<b>Liquid Asphalt MC-70 or MC-250</b>	<b>Ton</b>
Do not measure water added in excess of the specified amount in Standard Specification 02745.			

14	027480050	Emulsified Asphalt SS-1H	Ton										
Do not measure water added in excess of the specified amount in Standard Specification 02745.													
15	027490010	Asphalt Concrete Driveway	Each										
The Department pays for untreated base course under Section 02721, and Hot Mix Asphalt under the appropriate section.													
16	027650020	Pavement Message Paint	Each										
<b>In place, measurement - Painted Pavement Messages:</b> A. Letter = one message. B. Arrow = one message. C. Multi-headed arrow = one message per arrow. D. School crossbars = one message per 24 inch x 10 ft bar. E. Crosswalk = two message per lane and two messages per shoulder. F. Stop Bar = one message per lane and one message per shoulder. G. Railroad crossing markings = seven messages per lane. 1. 'R' = one message each (two required). 2. 'X' = two messages. 3. Transverse Bar = one message each (two required). 4. Stop Bar = one message. <b>Payment:</b> A. The Department will not pay for removal of unauthorized, smeared, or damaged markings. B. Price reduction for paint application rate: <table><tr><td><b>Rate</b></td><td><b>Pay Factor</b></td></tr><tr><td>At the specified rate</td><td>1.0</td></tr><tr><td>1-10 percent below the specified rate</td><td>0.75</td></tr><tr><td>11-15 percent below the specified rate</td><td>0.50</td></tr><tr><td>More than 15 percent below the specified rate</td><td>May be accepted at 0.40 percent or required to be repainted.</td></tr></table>				<b>Rate</b>	<b>Pay Factor</b>	At the specified rate	1.0	1-10 percent below the specified rate	0.75	11-15 percent below the specified rate	0.50	More than 15 percent below the specified rate	May be accepted at 0.40 percent or required to be repainted.
<b>Rate</b>	<b>Pay Factor</b>												
At the specified rate	1.0												
1-10 percent below the specified rate	0.75												
11-15 percent below the specified rate	0.50												
More than 15 percent below the specified rate	May be accepted at 0.40 percent or required to be repainted.												
17	027650050	Pavement Marking Paint	Gallon										
<b>In place, Payment:</b> A. The Department will not pay for removal of unauthorized, smeared, or damaged markings. B. Price reduction for paint application rate: <table><tr><td><b>Rate</b></td><td><b>Pay Factor</b></td></tr><tr><td>At the specified rate</td><td>1.0</td></tr><tr><td>1-10 percent below the specified rate</td><td>0.75</td></tr><tr><td>11-15 percent below the specified rate</td><td>0.50</td></tr><tr><td>More than 15 percent below the specified rate</td><td>May be accepted at 0.40 percent or required to be repainted.</td></tr></table>				<b>Rate</b>	<b>Pay Factor</b>	At the specified rate	1.0	1-10 percent below the specified rate	0.75	11-15 percent below the specified rate	0.50	More than 15 percent below the specified rate	May be accepted at 0.40 percent or required to be repainted.
<b>Rate</b>	<b>Pay Factor</b>												
At the specified rate	1.0												
1-10 percent below the specified rate	0.75												
11-15 percent below the specified rate	0.50												
More than 15 percent below the specified rate	May be accepted at 0.40 percent or required to be repainted.												
18	027850030	Chip Seal Coat, Type C	Square yard										
In place. Include in this item cover material, blotter material, and flush coat. Emulsified asphalt paid separately.													
19	027850045	Emulsified Asphalt CRS-2A	Ton										

<b>20</b>	<b>028420010</b>	<b>Delineator Type I</b>	<b>Each</b>
In place			

  

<b>21</b>	<b>028910010</b>	<b>Relocation of Sign</b>	<b>Each</b>
In place, includes removal and disposal of existing concrete sign base if applicable.			

  

<b>22</b>	<b>028910065</b>	<b>Sign Type A-1, 36 inch X 36 inch</b>	<b>Each</b>
In place			

  

<b>23</b>	<b>02912003P</b>	<b>Strip, Stockpile, and Spread Topsoil</b>	<b>Cubic Yard</b>	<b>In place</b>
A. This item includes all work, labor and equipment necessary for stripping, stockpiling and spreading topsoil at all locations shown on plans. B. Payment for this item will be based upon measurement in final position.				

  

<b>24</b>	<b>029220010</b>	<b>Drill Seed</b>	<b>Acre</b>
In place			



## **IX. PDBS Project Summary Report**

**Summary Report**  
**Project: SP-0191(38)63**  
**SR-191; SOUTH OF MONTICELLO**

**Version: 1**

Detail	Alt Group	Alt #	Description	Qty	Unit
<b>10 - ROADWAY</b>	0	0			
Item Number	Description		Qty	Unit	
012850010	Mobilization		1	Lump	
015540005	Traffic Control		1	Lump	
015710020	Check Dam (Stone)		34	cu yd	
015720020	Dust Control and Watering		105	1000 gal	
017210010	Survey		1	Lump	
020560015	Granular Borrow		1,366	cu yd	
023160020	Roadway Excavation (Plan Quantity)		8,866	cu yd	
026100576	18 inch Corrugated Metal Pipe Culvert, Class C		40	ft	
026130030	Culvert End Sections 18 inch		2	Each	
027050010	Asphalt Pavement Sawing		12,736	in-ft	
027210080	Untreated Base Course 3/4 inch or 1 inch Max		555	cu yd	
027410060	HMA - 3/4 inch		734	Ton	
027480010	Liquid Asphalt MC-70 or MC-250		1	Ton	
027480050	Emulsified Asphalt SS-1H		1	Ton	
027490010	Asphalt Concrete Driveway		1	Each	
027650020	Pavement Message Paint		2	Each	
027650050	Pavement Marking Paint		30	gal	
027850030	Chip Seal Coat, Type C		7,255	sq yd	
027850045	Emulsified Asphalt CRS-2A		13	Ton	
028420010	Delineator Type I		5	Each	
028910010	Relocation of Sign		1	Each	
028910065	Sign Type A-I, 36 inch X 36 inch		1	Each	
02912003P	Strip, Stockpile, and Spread Topsoil		852	cu yd	
029220010	Drill Seed		2	Acre	

**X. PDBS Detailed Stationing Summaries Report**

**Detailed Report**  
**SP-0191(38)63**  
**SR-191; SOUTH OF MONTICELLO**

**Version: 1**

**10 - ROADWAY**      **Alt Group: 0**    **Alt #: 0**

Item Number	Description					Use Qty	Unit
<b>015710020</b>	<b>Check Dam (Stone)</b>					34	cu yd
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	146+15.00	RIGHT	157+20.00	RIGHT	34.37		
					34.37		
<b>015720020</b>	<b>Dust Control and Watering</b>					105	1000 gal
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
SR-191					72.16	GRANULAR & EMBANKMENT (72,160)	
SR-191					32.55	UTBC/DUST CONTROL & COMPACTION (28,305)	
					104.71		
<b>020560015</b>	<b>Granular Borrow</b>					1,366	cu yd
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	145+50.00	RIGHT	161+40.00	RIGHT	1,366.076	GRANULAR LAYER (END AREA VOLUME)	
					1,366.076		
<b>023160020</b>	<b>Roadway Excavation (Plan Quantity)</b>					8,866	cu yd
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	145+50.00	RIGHT	161+40.00	RIGHT	8,866.097	CUT 8866.097 cu yd (END AREA VOL)/328.537 EMB	
					8,866.097		
<b>026100576</b>	<b>18 inch Corrugated Metal Pipe Culvert, Class C</b>					40	ft
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	157+61.70	RT 53.96	158+00.96	RT 51.53	39.26		
					39.26		
<b>026130030</b>	<b>Culvert End Sections 18 inch</b>					2	Each
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	157+61.70	RT 53.96			1.0		
NBL	158+00.96	RT 51.53			1.0		
					2.0		

**Detailed Report**  
**SP-0191(38)63**  
**SR-191; SOUTH OF MONTICELLO**

**Version: 1**

**10 - ROADWAY**

**Alt Group: 0 Alt #: 0**

Item Number	Description					Use Qty	Unit
<b>027050010</b>	<b>Asphalt Pavement Sawing</b>					12,736	in-ft
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NB-191	145+50.00	RIGHT 15.0	145+50.00	RIGHT 16.0	8.0	1.0 LIN FT	
NB-191	145+50.00	RIGHT 15.0	161+40.00	RIGHT 15.0	12,720.0		
NB-191	161+40.00	RIGHT 15.0	161+40.00	RIGHT 16.0	8.0	1.0	
					12,736.0		
<b>027210080</b>	<b>Untreated Base Course 3/4 inch or 1 inch Max</b>					555	cu yd
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NB-191	145+50.00	RIGHT	157+70.00	RIGHT	443.874	END-AREA VOLUME	
NB-191	157+70.00	LEFT	161+40.00	LEFT	89.208	END-AREA VOLUME	
ROAD R	157+80.00	RIGHT			20.0	DRIVEWAY	
					553.082		
<b>027410060</b>	<b>HMA - 3/4 inch</b>					734	Ton
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	145+50.00	RIGHT	157+90.00	RIGHT	614.069	293.815 cu yd (AVG END AREA)	
NBL	157+90.00	RIGHT	161+40.00	RIGHT	109.896	52.519 cu yd (AVG END AREA)	
RD RT	157+80.00	RIGHT			10.134	DRIVEWAY (4.8431 CU YD)	
					734.099		
<b>027480010</b>	<b>Liquid Asphalt MC-70 or MC-250</b>					1	Ton
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	145+50.00	RIGHT	149+40.00	RIGHT	0.136		
NBL	149+40.00	RIGHT	157+50.00	RIGHT	0.564		
NBL	157+50.00	RIGHT	161+40.00	RIGHT	0.136		
					0.836		
<b>027480050</b>	<b>Emulsified Asphalt SS-1H</b>					1	Ton
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
DRVWY	157+80.00	RIGHT			0.02	5.1375 gal - Tack Coat	
NBL	145+50.00	RIGHT	149+40.00	RIGHT	0.1	22.533 gal - Tack Coat	
NBL	149+40.00	RIGHT	157+50.00	RIGHT	0.4	93.600 gal - Tack Coat	
NBL	157+50.00	RIGHT	161+40.00	RIGHT	0.1	22.533 gal - Tack Coat	
					0.62		

**Detailed Report**  
**SP-0191(38)63**  
**SR-191; SOUTH OF MONTICELLO**

**Version: 1**

**10 - ROADWAY**

**Alt Group: 0 Alt #: 0**

Item Number	Description					Use Qty	Unit
<b>027490010</b>	<b>Asphalt Concrete Driveway</b>					1	Each
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	157+80.00	RIGHT			1.0		
					1.0		
<b>027650020</b>	<b>Pavement Message Paint</b>					2	Each
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	151+30.00	RT 6.0			1.0	LEFT TURN ARROW	
NBL	156+75.00	RT 6.0			1.0	LEFT TURN ARROW	
					2.0		
<b>027650050</b>	<b>Pavement Marking Paint</b>					30	gal
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	145+50.00	RIGHT 12.0	149+40.00	RIGHT 24.0	1.258	NBL - 4" SOLID WHITE EDGE LINE TAPER	
NBL	149+40.00	RIGHT 24.0	157+50.00	RIGHT 24.0	2.613	NBL - 4" SOLID WHITE EDGE LINE	
NBL	151+20.00	RIGHT 12.0	156+95.00	RIGHT 12.0	3.594	NBL - 8" SOLID WHITE LINE	
NBL	157+50.00	RIGHT 24.0	161+40.00	RIGHT 12.0	1.258	NBL - 4" SOLID WHITE EDGE LINE TAPER	
SBL	145+50.00	LEFT 12.0	156+95.00	LEFT 12.0	3.694	SBL - 4" SOLID WHITE EDGE LINE	
SBL	157+50.00	LEFT 12.0	161+40.00	LEFT 12.0	1.258	SBL - 4" SOLID WHITE EDGE LINE	
SR-191	144+50.00	CENTER	156+95.00	CENTER	7.727	DOUBLE 4" SOLID YELLOW CENTER LINE	
SR-191	145+50.00	CENTER	149+40.00	LEFT 12.0	2.438	DOUBLE 4" SOLID YELLOW CENTER LINE	
SR-191	157+50.00	CENTER	157+86.40	RT 11.58	0.236	DOUBLE 4" SOLID YELLOW CTR ARC LINE 37.74	
SR-191	157+50.00	CENTER	162+40.00	CENTER	3.01	DOUBLE 4" SOLID YELLOW CENTER LINE	
SR-191	157+86.40	RT 11.58	161+40.00	CENTER	2.21	DOUBLE 4" SOLID YELLOW CTR TAPERED LINE	
					29.296		
<b>027850030</b>	<b>Chip Seal Coat, Type C</b>					7,255	sq yd
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	145+50.00	RIGHT	149+40.00	RIGHT	953.33	16.0 to 28.0 FT WIDTH	
NBL	149+40.00	RIGHT	157+50.00	RIGHT	2,520.0	28.0 FT WIDTH	
NBL	157+50.00	RIGHT	161+40.00	RIGHT	953.333	28.0 TO 16.0 FT WIDTH	
SBL	145+50.00	LEFT	161+40.00	LEFT	2,826.667	16.0 FT WIDTH	
					7,253.33		

**Detailed Report**  
**SP-0191(38)63**  
**SR-191; SOUTH OF MONTICELLO**

**Version: 1**

**10 - ROADWAY**      **Alt Group: 0**    **Alt #: 0**

Item Number	Description					Use Qty	Unit
<b>027850045</b>	<b>Emulsified Asphalt CRS-2A</b>					13	Ton
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	145+50.00	RIGHT	149+40.00	RIGHT	1.635	16.0 to 28.0 FT WIDTH	
NBL	149+40.00	RIGHT	157+50.00	RIGHT	4.323	28.0 FT WIDTH	
NBL	157+50.00	RIGHT	161+40.00	RIGHT	1.635	28.0 TO 16.0 FT WIDTH	
SBL	145+50.00	LEFT	161+40.00	LEFT	4.849	16.0 FT WIDTH	
					12.442		
<b>028420010</b>	<b>Delineator Type I</b>					5	Each
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	145+50.00	RIGHT	161+40.00	RIGHT	5.0		
					5.0		
<b>028910010</b>	<b>Relocation of Sign</b>					1	Each
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
SR-191	156+69.69	RT			1.0	#2, D10-2 (REFERENCE MARKER 63)	
					1.0		
<b>028910065</b>	<b>Sign Type A-I, 36 inch X 36 inch</b>					1	Each
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	148+75.00	RIGHT			1.0	Sign #1, W2-2	
					1.0		
<b>02912003P</b>	<b>Strip, Stockpile, and Spread Topsoil</b>					852	cu yd
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	145+50.00	RIGHT	161+40.00	RIGHT	852.202	23009.4448 EST. CU FT	
					852.202		
<b>029220010</b>	<b>Drill Seed</b>					2	Acre
Line/Sheet	From Station	From Offset	To Station	To Offset	Qty	Comment	
NBL	145+50.00	RIGHT	161+40.00	RIGHT	1.585	69028.334 EST. SQ FT	
					1.585		

## **XI. Special Provisions**





December 19, 2002

**SPECIAL PROVISION  
SP-0191(38)63**

**SECTION 00555 M**

***PROSECUTION AND PROGRESS***

Add the following lines to Paragraph 1.11, Limitation of Operations, in Part I:

- D. An Utah Pollutant Discharge Elimination System (UPDES) General Storm Water Discharge Permit is required for control of storm water discharges during construction, since the project will disturb more than 1 (one) acre of land. The development of a SWPPP and Temporary Erosion and Sediment Control Plan are required as part of the UPDES permitting process. File A Notice of Intent (NOI) with the Utah Department of Water Quality, which will serve as the application for the UPDES permit. The conditions of the UPDES Permit will be followed.
- E. Air
  - 1. The contractor will be required to submit a Fugitive Dust Emission Control Plan to UDAQ for review and approval prior to construction. The plan will outline project-specific requirements for emission control and monitoring throughout construction in accordance with state and federal requirements.
- F. Maintain Noxious Weed control by following Special Provision 01575S, Invasive Species.
- G. Maintain unrestricted two-way traffic (one lane in each direction) at all times.

STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER QUALITY

288 North 1460 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870

NOT

Notice of Termination (NOT) for Storm Water Discharges Associated with **Construction Activity** Under the UPDES General Permit No. UTR100000. **SEE REVERSE FOR INSTRUCTIONS**

Submission of this Notice of Termination constitutes notice that the operator identified in Section II of this form is no longer authorized to discharge storm water associated with industrial activity under the UPDES program. ALL NECESSARY INFORMATION MUST BE PROVIDED ON THIS FORM.

I. Permit Information

UPDES Storm Water General Permit Number: \* \* \* \* \*

Check Here if You are No Longer the Operator of the Facility: ☐

Check Here if the Storm Water Discharge is Being Terminated: ☐

II. Facility Operator Information

Name: \* \* \* \* \* Phone: \* \* \* \* \*

Address: \* \* \* \* \*

City: \* \* \* \* \* State: \* \* \* Zip: \* \* \* \* \*

III. Facility Site/Location Information

Name: \* \* \* \* \*

Address: \* \* \* \* \* County: \* \* \* \* \*

City: \* \* \* \* \* State: \* \* \* Zip: \* \* \* \* \*

Latitude: \* \* \* \* \* Longitude: \* \* \* \* \*

IV. Certification: I certify under penalty of law that either: a) all storm water discharges associated with construction activity from the portion of the identified facility where I was an operator have ceased or have been eliminated or b) I am no longer an operator at the construction site and a new operator has assumed operational control for those portions of the construction site where I previously had operational control. I understand that by submitting this notice of termination, I am no longer authorized to discharge storm water associated with construction activity under this general permit, and that discharging pollutants in storm water associated with construction activity to waters of the State is unlawful under the State of Utah Water Quality Act where the discharge is not authorized by a UPDES permit. I also understand that the submittal of this notice of termination does not release an operator from liability for any violations of this permit or the Water Quality Act.

Print Name:

Date:

\* \* \* \* \*

\* \* \* \* \*

Signature:

## Instructions for Completing Notice of Termination (NOT) Form

### Who May File A Notice Of Termination (NOT) Form

Permittees who are presently covered under the State issued Utah Pollutant Discharge Elimination System (UPDES) General Storm Water Permit for Construction Activity may submit a notice of termination (NOT) form when their facilities no longer have any storm water discharges associated with industrial activity as defined in the storm water regulations at UAC R317-8-3.8(b)(c) and (d), or when they are no longer the operator of the facilities.

For construction activities, elimination of all storm water discharges associated with industrial activity occurs when disturbed soils at the construction site have been finally stabilized and temporary erosion and sediment control measures have been removed or will be removed at an appropriate time, or that all storm water discharges associated with construction activity from the construction site that are authorized by a UPDES general permit have otherwise been eliminated. Final stabilization means that all soil-disturbing activities at the site have been completed, and that a uniform perennial vegetative cover with a density of 70% of the cover for unpaved areas and areas not covered by permanent structures has been established, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.

### Where to File NOT Form

Send this form to the following address:

Division of Water Quality  
288 North 1460 West  
P.O. Box 144870  
Salt Lake City, Utah 84114-4870

### Completing the Form

Type or print, using upper-case letters, in the appropriate areas only. Please place each character between the marks. Abbreviate if necessary to stay within the number of characters allowed for each item. Use only one space for breaks between words, but not for punctuation marks unless they are needed to clarify your response. If you have any questions about this form, call the Division of Water Quality at (801) 538-6146.

### Section I - Permit Information

Enter the existing UPDES Storm Water General Permit number assigned to the facility or site identified in Section III. If you do not know the permit number, contact the Division of Water Quality at (801) 538-6146.

Indicate your reason for submitting this Notice of Termination by checking the appropriate box:

If there has been a change of operator and you are no longer the operator of the facility or site identified in Section III, Check the corresponding box.

If all storm water discharges at the facility or site identified in Section III have been terminated, check the corresponding box.

### Section II - Facility Operator Information

There may be more than one operator for a construction project. This form must be filled out and submitted by each of the operators listed on the notice of intent (NOI) that was submitted for receiving coverage under this permit. In this section give the legal name of the person, firm, public organization, or any other entity that is filed as an operator at the facility or site described in this application that is desiring to terminate coverage. The name of the operator may or may not be the same name as the facility. The operator of the facility is the legal entity which controls the facility's operation (referring to operation of construction activity) or a portion of it, rather than the plant or site manager of the finished or rehabilitated facility. Do not use a colloquial name. Enter the complete address and telephone number of the operator.

### Section III - Facility/Site Location Information

Enter the facility's or site's official or legal name and complete address, including city, state and ZIP code and the latitude and longitude of the facility to the nearest 15 seconds of the approximate center of the site. It is preferred that the location address be the same as that which the site used in the submission of the NOI.

### Section IV - Certification

State statutes provide for severe penalties for submitting false information on this application form. State regulations require this application to be signed as follows:

*For a corporation:* by a responsible corporate officer, which means: (I) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions, or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

*For a partnership or sole proprietorship:* by a general partner or the proprietor, respectively; or

*For a municipality, State, Federal, or other public facility:* by either a principal executive officer or ranking elected official.

## STATE OF UTAH, DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER QUALITY

288 North 1460 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870 (801)538-6146

NOI

Notice of Intent (NOI) for Storm Water Discharges Associated with **Construction Activity** Under the UPDES General Permit No. UTR100000. **SEE REVERSE FOR INSTRUCTIONS**

Submission of this Notice of Intent constitutes notice that the party(s) identified in Section I of this form intends to be authorized by UPDES General Permit No. UTR100000 issued for storm water discharges associated with construction activity in the State of Utah. Becoming a permittee obligates such discharger to comply with the terms and conditions of the permit. ALL NECESSARY INFORMATION MUST BE PROVIDED ON THIS FORM.

## I. OPERATOR INFORMATION

Name (Main operator): \* \* \* \* \* Phone: \* \* \* \* \*

Address: \* \* \* \* \* Status of Owner/Operator: S

City: \* \* \* \* \* State: \* \* \* Zip: \* \* \* \* \*

Contact Person: \* \* \* \* \* Phone: \* \* \* \* \*  
UDOT PROJECT ENGINEER

Name (1st Co-permittee): \* \* \* \* \* Phone: \* \* \* \* \*

Address: \* \* \* \* \* Status of Owner/Operator: ☐

City: \* \* \* \* \* State: \* \* \* Zip: \* \* \* \* \*

Contact Person: \* \* \* \* \* Phone: \* \* \* \* \*

Name (2nd Co-permittee): \* \* \* \* \* Phone: \* \* \* \* \*

Address: \* \* \* \* \* Status of Owner/Operator: ☐

City: \* \* \* \* \* State: \* \* \* Zip: \* \* \* \* \*

Contact Person: \* \* \* \* \* Phone: \* \* \* \* \*

Name (3rd Co-permittee): \* \* \* \* \* Phone: \* \* \* \* \*

Address: \* \* \* \* \* Status of Owner/Operator: ☐

City: \* \* \* \* \* State: \* \* \* Zip: \* \* \* \* \*

Contact Person: \* \* \* \* \* Phone: \* \* \* \* \*

Please copy this form if you have more co-permittees than what is allowed on this form.

## II. FACILITY SITE / LOCATION INFORMATION

Name: \* \* \* \* \*

Project No. (if any): \* \* \* \* \*

Address: \* \* \* \* \* County: \* \* \* \* \*

City: \* \* \* \* \* State: \* \* \* Zip: \* \* \* \* \*

Latitude: \* \* \* \* \* Longitude: \* \* \* \* \*

Is the facility located  
on Indian Lands?(Y or N) ☐

# INSTRUCTIONS

## Notice Of Intent (NOI) For Covered Under the UPDES General Permit Storm Water Discharges From Construction Activities

### Who Must File A Notice Of Intent (NOI) Form

State law at UAC R317-8-3.8 prohibits point source discharges of storm water from construction activities to a water body(ies) of the State without a Utah Pollutant Discharge Elimination System (UPDES) permit. The operator of a construction activity that has such a storm water discharge must submit a NOI to obtain coverage under the UPDES Storm Water General Permit. If you have questions about whether you need a permit under the UPDES Storm Water program, or if you need information as to whether a particular program is administered by EPA or a state agency, contact the storm water coordinator at (801) 538-6146.

### Where To File NOI Form

NOIs, with fee payment(s), must be sent to the following address:

Department of Environmental Quality  
Division of Water Quality  
P.O. Box 144870  
Salt Lake City, UT 84114-4870

### Completing The NOI Form

You must type or print, using upper-case letters, in the appropriate areas only. Please place each character between the marks. Abbreviate if necessary to stay within the number of characters allowed for each item. Use one space for breaks between words, but not for punctuation marks unless they are needed to clarify your response. If you have any questions on this form please call the storm water coordinator at (801) 538-6146.

### Beginning of Coverage

Storm Water General Permits cover a facility quickly avoiding delays, therefore coverage is immediate after NOI with submission of the permit fee. The permittee should be aware that though you may not have a permit in hand, if you have sent in a completed NOI with the permit fee you are covered by the conditions in the permit and will be expected to comply with these conditions. If you wish, contact the Division of Water Quality at (801) 538-6146 to receive a generic copy of the permit. After we receive the NOI and the permit fee we will send you an official copy of the permit with your permit number.

### Permit Fees (*MAKE CHECKS PAYABLE TO: DIVISION OF WATER QUALITY*)

Construction projects are prorated from the time they begin disturbing ground until the time the disturbed surface is stabilized, and the permit is terminated by the permittee with a submittal of a Notice of Termination (NOT) form. Fees are prorated at \$8.34 per month of coverage needed, except a \$50 minimum and a \$500.00 maximum. **EXAMPLE: if you need 5 months of coverage: 5 x \$8.34 = \$41.70, then you will need to submit the \$50 minimum, if 18 months of coverage is needed: 18 x \$8.34 = \$150.12, your total fee will be \$150.12.** The \$500.00 maximum will provide permit coverage for five years and then expire at the end of the five year period. State or local political subdivisions are exempt from the permit fee. The fee must be received with the NOI before permit coverage is given.

### General

Facilities within Salt Lake City or Salt Lake County must contact the city or county and notify them of the new permit status for the facility.

### SECTION I - FACILITY OPERATOR INFORMATION

Give the legal name(s) of the person(s), firm(s), public organization(s), or any other entity(ies) that conducts the construction operation at the facility or site described in this application. The name of the operator(s) may be the developer, the owner, the general contractor, the design firm, the excavation contractor and/or others (e.g. anyone that fits the definition of operator). An operator is anyone that has control over site/project specifications and/or control of day to day operational activities. Do not use a colloquial name. Enter the complete address and telephone number of the operator(s).

Enter the appropriate letter to indicate the legal status of the operator of the facility.  
**F** = Federal **M** = Public (other than Fed or State) **S** = State **P** = Private

### SECTION II - FACILITY/SITE LOCATION INFORMATION

Enter the facility's or site's official or legal name and project number (if any) and complete street address, including city, state and ZIP code. If the facility or site lacks a street address, indicate the latitude and longitude of the facility to the nearest 15 seconds of the approximate center of the site.

Indicate whether the facility is located on Indian Lands.

If the facility is located on Indian Lands EPA form 3510-6 should be used and submitted to EPA Region VIII except for facilities on the Navajo Reservation or on the Goshute Reservation which should submit EPA form 3510-6 to Region IX.

### SECTION III - SITE ACTIVITY INFORMATION

If the storm water discharges to a municipal separate storm sewer system (MS4), enter the name of the operator of the MS4 (e.g., municipality name, county name) and the receiving water of the discharge from the MS4 if it is known. (A MS4 is defined as a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains) that is owned or operated by a state, city, town, county, district, association or other public body which is designed or used for collecting or conveying storm water).

### SECTION IV - TYPE OF CONSTRUCTION

Check each type of construction that applies to this application.

### SECTION V - MANAGEMENT PRACTICES

Check each type of management practices that will be used to control storm water runoff at the job site.

### SECTION VI - ADDITIONAL INFORMATION REQUIRED

Enter the project start date and the estimated completion date for the entire development plan.

Provide an estimate of the total number of acres of the site on which soil will be disturbed (round to the nearest acre).

Indicate whether the storm water pollution prevention plan for the site is in compliance with approved state and/or local sediment and erosion plans, permits, or storm water management plans.

### SECTION VII - CERTIFICATION

State statutes provide for severe penalties for submitting false information on this application form. State regulations require this application to be signed as follows:

*For a corporation:* by a responsible corporate officer, which means: (i) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions, or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures;

*For a partnership or sole proprietorship:* by a general partner or the proprietor; or

*For a municipality, state, Federal, or other public facility:* by either a principal executive officer or ranking elected official.

### POLLUTION PREVENTION PLAN

A storm water pollution prevention plan (SWP3) is required to be in hand before the NOI can be submitted. It is important to know SWP3 requirements (contained in the permit) even during the design portion of the project. A copy of the permit can be obtained from the Division of Water Quality. Guidance material for developing a SWP3 can be obtained from EPA (NTIS) or copied from EPA material at the Division of Water Quality.

### NOTICE OF TERMINATION (NOT)

A completed Notice of Termination (NOT) form is required to terminate your permit at the end of construction. Please complete the NOT form, including the project's assigned permit number, and return it to the Division of Water Quality. Please contact the storm water coordinator at (801) 538-6146 for any questions or for a copy of the NOT form.

III. SITE ACTIVITY INFORMATION

Municipal Separate Storm Sewer System (MS4) Operator Name: 

U T A H D E P T O F T R A N S P O R T A T I O N

Receiving Water Body:

How far to the nearest water body?  ft.  miles. (circle one)

List the Number of any other UPDES permits at the site:

IV. TYPE OF CONSTRUCTION (Check all that apply)

☐ Residential

☐ Commercial

☐ Industrial

☐ Road

☐ Bridge

☐ Utility

☐ Contouring, Landscaping

☐ Other (Please list)

V. MANAGEMENT PRACTICES

Identify proposed Best Management Practices (BMPs) to reduce pollutants in storm water discharges: (Check all that apply)

☐ Silt Fences

☐ Sediment Pond

☐ Seeding/Preservation of Vegetation

☐ Mulching/Geotextiles

☐ Check Dams

☐ Structural Controls (Berms, Ditches, etc.)

☐ Other (Please list)

VI. ADDITIONAL INFORMATION REQUIRED

I certify under penalty of law that I have read and understand the *Part I.B.* eligibility requirements for coverage under the general permit for storm water discharges from construction activities.

I further certify that to the best of my knowledge, all discharges and BMPs that have been scheduled and detailed in a pollution prevention plan will satisfy requirements of *Part I.B.* , and *Part III.* of this permit.

I understand that continued coverage under this storm water general permit is contingent upon maintaining eligibility as provided for in *Part I.B.*

I also certify under penalty of law that this document and all attachments were prepared under the direction or supervision of those who have place their signature below, in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Print Name (of responsible person for the main operator from first page):

Date:

Print Name (of responsible person for the 1st co-permittee from first page):

Date:

Print Name (of responsible person for the 2nd co-permittee from first page):

Date:

Print Name (of responsible person for the 3rd co-permittee from first page):

Date:

Signature:

Amount of Permit Fee Enclosed: \$

**SPECIAL PROVISION**

**Project No. SP-0191(38)63**

**SECTION 00727 M**

***CONTROL OF WORK***

Add the following to Paragraph 1.7, Cooperation with Utilities:

- H. Notify the utility companies prior to any construction activities and jointly develop a work schedule. A list of utility companies, contact personnel, and telephone numbers is shown on sheet RD-1 of the plans and listed below.

<b>UTILITY COMPANY</b>	<b>CONTACT PERSON</b>	<b>INTEREST</b>	<b>TELEPHONE NO.</b>
Frontier Communications	Kim J. Healey	Buried Communications Cable	(435) 257-8125

- I. Protect and prevent damage to any utility facilities. Any damage from the Contractor's operations will be repaired by the utility company at the Contractor's expense.
- J. CONTRACTOR will contact Blue Stakes and have underground utility facilities Blue Staked before any excavation.
- K. No additional compensation will be made for any delays, inconvenience, or damage sustained due to interference from the utility appurtenances. Costs associated with delays attributable to action or inaction by the utility company that are not in accordance with the schedule agreed to by CONTRACTOR and the utility company will be evaluated by UDOT. Document in writing any changes to the schedule between the CONTRACTOR and the utility company. Notify the Project Engineer of any changes in writing and submit a revised schedule and agreements within seven days.



**SPECIAL PROVISION  
SP-0191(38)63**

**SECTION 01285 M**

**MOBILIZATION**

Add the following to Part 3, EXECUTION

**3.1 CONSTRUCTION TRAFFIC SIGNS**

- A. Erect signs with the CONTRACTOR's public information and office phone number at each major approach to the project.
- B. Conform to Sections 01554 and 02891.

**SPECIAL PROVISION**

**SP-0191(38)63**

**SECTION 01575S  
INVASIVE WEED CONTROL**

**PART 1      GENERAL**

**1.1      SECTION INCLUDES**

- A.      Equipment Cleaning.
- B.      Weed species subject to control are listed on the Utah State Noxious Weed List, the county(s) weed list based on the project location, and any other additional species listed in the specifications. Project documents list which weeds are likely to be found on the project site. The Utah State Noxious Weed List and each county's weed list is attached.

**1.2      RELATED SECTIONS**

- A.      Section 01285: Mobilization.

**1.3      PAYMENT PROCEDURES**

- A.      Payment for cleaning earthmoving construction equipment will be made under Mobilization.

**PART 2      PRODUCTS**  
Not used.

## **PART 3      EXECUTION**

### **3.1      CLEANING EQUIPMENT**

- A.    Using high pressure water blasting or steam cleaning methods, clean all earthmoving construction equipment (scrapers, bulldozers, excavators, backhoes, trenchers) of dirt, mud and seed residue before initially entering the project.
- B.    The Environmental Control Supervisor (ECS) and/or UDOT inspector to verify equipment is clean prior to entering the construction site.
- C.    Prior to any work onsite, obtain a green sticker from the Environmental Control Supervisor (ECS) and/or UDOT inspector and place on equipment windshield once equipment is verified clean.

### **3.2      PREPARATION**

- A.    Avoid any unnecessary disturbance of project areas known to be infested with noxious weeds.
- B.    Minimize soil disturbance within right-of-way.
  - 1.    Keep all construction operations within slope stake limits.
  - 2.    If soil disturbance outside slope stake limits is necessary, observe the following:
    - a. Keep disturbed area to a minimum.
    - b. Monitor and control disturbed areas and topsoil stockpiles for growth of weeds species subject to control.
    - c. Re-vegetate in accordance with the landscape plans or other project specifications when disturbance is no longer necessary.

### 3.3 CONTROLLING INVASIVE WEEDS

#### A. Noxious Weed Table:

<b>Utah State Noxious Weeds</b>		
Common Name	Scientific Name	Herbicide
Bermudagrass*	<i>Cynodon dactylon</i>	glyphosate
Bindweed	<i>Convolvulus spp.</i>	Dicamba+2,4-d or picloram
Broad-leaved Peppergrass	<i>Lepidium latifolium</i>	metsulfuron or chlorsulforn
Canada Thistle	<i>Cirsium arvense</i>	2,4-D, dicamba, picloram
Diffuse Knapweed	<i>Centaurea diffusa</i>	2,4-D+dicamba or picloram or clopyralid
Dyers Woad	<i>Isatis tinctoria</i>	2,4-D+dicamba or chlorsulfuron
Perennial Sorghum spp (Johnsongrass)	<i>Sorghum halepense, Sorghum Almum</i>	glyphosate
Leafy Spurge	<i>Euphorbia esula</i>	dicamba or picloram
Medusahead	<i>Taeniatherum caput-medusa</i>	glyphosate
Musk Thistle	<i>Carduus nutans</i>	2,4-D amine, metsulfuron or picloram
Purple Loosestrife	<i>Lythrum salicarial</i>	glyphosate (Rodeo Aquatic label)
Quackgrass	<i>Agropyron repens</i>	Glyphosate
Russian Knapweed	<i>Centaurea repens</i>	Picloram or clopyralid or chlorsulfuron
Scotch Thistle	<i>Onopordium acanthium</i>	2,4-D amine, metsulfuron or picloram
Spotted Knapweed	<i>Centaurea maculosa</i>	2,4-D+dicamba, picloram or clopyralid
Squarrose Knapweed	<i>Centaurea squarrosa</i>	Picloram
Whitetop	<i>Cardaria spp</i>	2,4-D+dicamba or chlorsulfuron

Yellow Starthistle	<i>Centaurea solstitialis</i>	picloram or clopyralid
*Bermudagrass ( <i>Cynodon dactylon</i> ) shall not be a noxious weed in Washington County		

<b>County Noxious Weeds</b>		
<b>Cache County</b>		
Common Name	Scientific Name	Herbicide
Goatsrue	<i>Galega officinalis</i>	2,4-D+dicamba
Poison Hemlock	<i>Conium maculatum</i>	2,4-D+dicamba
Puncture Vine	<i>Tribulus terrestris</i>	2,4-D+dicamba
<b>Carbon County</b>		
Common Name	Scientific Name	Herbicide
Russian Olive	<i>Elaeagnus angustifolia</i>	2,4-D, dicamba, or glyphosate
<b>Davis County</b>		
Common Name	Scientific Name	Herbicide
Poison Hemlock	<i>Conium maculatum</i>	2,4-D+dicamba
Buffalobur	<i>Solanum rostratum</i>	2,4-D+dicamba
Yellow Nutsedge	<i>Cyperus esculentus</i>	glyphosate
<b>Duchesne County</b>		
Common Name	Scientific Name	Herbicide
Russian Olive	<i>Elaeagnus angustifolia</i>	2,4-D, dicamba, or glyphosate
<b>Grand County</b>		
Common Name	Scientific Name	Herbicide
Purple Loosestrife	<i>Lythrum salicarial</i>	glyphosate (Rodeo Aquatic label)

<b>Juab County</b>		
Common Name	Scientific Name	Herbicide
Water Hemlock	<i>Cicuta maculata</i>	2,4-D, or dicamba
<b>Kane County</b>		
Common Name	Scientific Name	Herbicide
Poison Hemlock	<i>Conium maculatum</i>	2,4-D+dicamba
<b>Rich County</b>		
Common Name	Scientific Name	Herbicide
Black Henbane	<i>Hyoscyamus niger</i>	2,4-D+metsulfuron
<b>San Juan County</b>		
Common Name	Scientific Name	Herbicide
Silverleaf Nightshade	<i>Solanum elaeagnifolium</i>	Imazapyr or glyphosate
Buffalobur	<i>Solanum rostratum</i>	2,4-D or dicamba
Whorled Milkweed	<i>Asclepias subverticillata</i>	2,4-D or dicamba
<b>Sanpete County</b>		
Common Name	Scientific Name	Herbicide
Houndstonge	<i>Cynoglossum officinale</i>	2,4-D or dicamba
<b>Uintah County</b>		
Common Name	Scientific Name	Herbicide
Russian Olive	<i>Elaeagnus angustifolia</i>	2,4-D, dicamba, or glyphosate
Purple Loosestrife	<i>Lythrum salicarial</i>	glyphosate (Rodeo Aquatic label)
<b>Washington County</b>		
Common Name	Scientific Name	Herbicide
Poison Milkweed	<i>Asclepias subverticillata</i>	2,4-D, or dicamba
<b>Weber County</b>		

Common Name	Scientific Name	Herbicide
Puncture Vine	<i>Tribulus terrestris</i>	2,4-D+dicamba
<b>Use rates:</b> Use rates for herbicides vary, follow the use rate on the LABEL for each herbicide		

END OF SECTION

SPECIAL PROVISION  
Project No. SP-0191(38)63

**Section 02316M**

***ROADWAY EXCAVATION***

Add the following to paragraph 1.1 SECTION INCLUDES

- D. Removal of existing asphalt pavement surfacing.

Add the following to paragraph 1.2 RELATED SECTIONS:

- G. Section 00725: Scope of Work
- H. Section 01721S: Survey

Add the following to paragraph 1.6 ACCEPTANCE:

- B. Payment is plan quantity by the cubic yard. No adjustment will be made to plan quantities unless staked quantities differ from plan quantities by more than 5 percent +/-.
- C. Notify the Engineer in writing before beginning excavation in any area or balances of excavation if the Contractor determines that the staked quantities differ from the plan quantities by more than 5 percent +/- . The following procedures then apply:
  - 1. Provide calculations and plots in accordance with Section 01721S, paragraph 3.3 Computations and Plots.
  - 2. Evaluation of the “plan quantities” to “staked quantities” will be by individual cuts or balances as determined by the Engineer to provide the necessary accuracy.
  - 3. Do not begin excavation of any cut sections that the Contractor determines to differ from plan quantities by more than 5 percent +/- until the calculations and plots have been submitted, reviewed, and approved quantities are determined with the Engineer. No payments, partial or final will be made until submissions are provided and approved.
- D. When the ENGINEER determines the staked quantities differ from plan quantities by more than 5 percent +/-, the approved quantities will become the plan quantities (adjusted).
- E. When the Engineer directs changes in the alignment, grade, or scope of work that result in a change in the roadway excavation quantities, the revised quantities become the plan quantities (adjusted).



- F. Payment will be made at the original unit bid price for the plan quantities (adjusted).
- G. If plan quantities are adjusted from the original contract bid plan quantities, Section 00725 paragraph 1.5 Significant Changes in the Character of Work, will apply.

Add the following to section 3.5 EXCAVATION - STANDARD PROCEDURES

- G. Completely remove the existing asphalt pavement surfacing down to the underlying gravel base course.
- H. Dispose of the excavated asphalt pavement material in an approved manner.
- I. DELINEATOR REMOVAL
  1. Remove existing delineators from areas of shoulder work prior to beginning construction in these areas.
  2. Do not damage any barrier, structure or material to remain.
  3. Grade to maintain proper drainage matching proper grades and contour.
  4. Maintain pipe culverts and drainage ditches.
  5. Dispose of existing delineators at an approved location, off the project site, as determined by the Contractor conforming with Section 01355 requirements.

**SPECIAL PROVISION**

**Project No. SP-0191(38)63**

**SECTION 02742 S**

***PROJECT SPECIFIC SURFACING REQUIREMENTS***

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Required PG Asphalt or emulsion.
- B. Number of gyrations to use for Superpave Mix Design.

**PART 2 PRODUCTS**

**2.1 MIXES**

- A. Hot Mix Asphalt (HMA): ( Refer to bid item for size)
  - 1. PG 63-34 Asphalt.
  - 2. N<sub>initial</sub> 3/89    N<sub>design</sub> 100/96    N<sub>final</sub> 160/<98
- B. Open-Graded Surface Course:
  - 1. PG \_\_\_\_\_ Asphalt.
- C. Chip Seal
  - 1. Type of asphalt emulsion CRS-2A

**PART 3 EXECUTION**      Not used.

END OF SECTION

**SPECIAL PROVISION**

**PROJECT #SP-0191(38)63**

**SECTION 02765S**

**PAVEMENT MARKING PAINT**

Delete Section 02765 and replace with the following:

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Furnish Acrylic Water Based pavement marking paint meeting Federal Specification TTP-1952 D. And refer to 2.1 for resin requirement.
- B. Apply to asphaltic or concrete pavement as edge lines, center lines, broken lines, guide lines, symbols and other related markings.
- C. Remove pavement markings.

**1.2 REFERENCES**

- A. AASHTO M 247: Glass Beads Used in Traffic Paint.
- B. ASTM D 562: Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using the Stormer-Type Viscometer.
- C. ASTM D 711: No-Pick-Up Time of Traffic Paint.
- D. ASTM D 2205: Selection of Tests for Traffic Paints
- E. ASTM D 2743: Uniformity of Traffic Paint Vehicle Solids by Spectroscopy and Gas Chromatography.
- F. ASTM D 3723: Pigment Content of Water-Emulsion Paints
- G. ASTM D 3960: Determining Volatile Organic Compound (VOC) Content of Paints and Related Coatings.
- H. ASTM D 4451: Pigment Content of Paints

- I. ASTM D 5381: X-Ray Fluorescence (XRF) Spectroscopy of Pigments and Extenders.
- J. Federal Standards 595B, 37875, 33538, 11105 and TTP-1952 D.

### 1.3 ACCEPTANCE

- A. UDOT ENGINEER:
  - 1. Randomly samples pavement marking paint and submits to Central Chemistry Lab for acceptance.
  - 2. Randomly generates the location of each test and removes all loose or excess beads from the line prior to testing.
  - 3. Visually inspects each line to verify bead adhesion and compliance with specified line dimensions requirements.
  - 4. Verifies that the paint and beads are being applied within specified tolerances a minimum of once each production day.
  - 5. Verify quantities used by measuring both paint and bead tanks prior to and after application.
- B. Repaint any line or symbol failing to meet bead adherence and dimensional requirements.
- C. Repaint any line or symbol failing to meet the minimum application requirements for paint or beads.

## PART 2 PRODUCTS

### 2.1 PAINT

- A. Choose an approved pavement marking paint from the UDOT Research Division “Accepted Products Listing.” Follow Federal Standards 595B, 37875, 33538, and 11105. Meet the following requirements for Acrylic Water Based Paint:

CIELAB (L*a*b*) D65/109		
White	Yellow	Red
L* 91.9 to 95.6	L* 70.0 to 72.7	L* 31.4 to 33.4
a* -1.8 to -2.1	a* 22.5 to 24.8	a* 51.6 to 52.6
b* 3.8 to 2.2	b* 89.7 to 73.9	b* 34.1 to 35.1

1. No-track time: Not more than 5 minutes when tested according to ASTM D 711.
2. Volatile Organic Compounds Content: Less than 1.25 lbs/gal ASTM D 3960.
3. Free of lead, chromium, or other related heavy metals ASTM D 5381.
4. Pigment: Percent by weight: Acrylic Water Based minimum of  $62.0 \pm 2.0$  ASTM D 3723.
5. Total Solids: Percent by weight: Acrylic Water Based minimum of 77.0 ASTM D 2205.
6. Acrylic water based paint must contain a minimum of 40 percent, by weight, 100 percent acrylic cross-linkable emulsion as determined by infrared analysis and other chemical analysis available to UDOT. ASTM D 2205
7. ASTM D 562, ASTM D 2743, ASTM D 4451 and ASTM D 5381: Tests used to verify paint samples meet "Accepted Products Listing".

## **2.2 GLASS SPHERE (BEADS) USED IN PAVEMENT MARKING PAINT**

- A. Specific Properties:
  1. Meet AASHTO M 247.
  2. Meet type II, uniform gradation.

## **PART 3 EXECUTION**

### **3.1 PREPARATION**

- A. Line Control.
  1. Establish control points at 100 ft intervals on tangent and at 50 ft intervals on curves.
  2. Maintain the line within 2 inches of the established control points and mark the roadway between control points as needed.
    - a. Remove paint that is not placed within tolerance of the established control points and replace at no expense to the Department. Refer to article 3.4.
- B. Remove dirt, loose aggregate and other foreign material and follow manufacturer's recommendations for surface preparation.

### **3.2 APPLICATION**

- A. Pavement Marking Paint: Apply at the following rates:
  1. 4 inch Solid Line: From 270 to 350 ft/gal
  2. 4 inch Broken Line: From 1080 to 1400 ft/gal
  3. 8 inch Solid Line: From 135 to 175 ft/gal

- B. Replace pavement markings that are less than 14 wet mils in thickness.
- C. No payment for pavement markings placed in excess of 18 wet mils in thickness.
- D. Painted Legends and Symbols 1 gallon per 100 square feet.
- E. Glass Sphere (Beads): Apply a minimum of 8 lbs/gal of paint, the full length and width of line and pavement markings.
- F. Begin striping operations no later than 24 hours after ordered by the Engineer.
- G. At time of application apply lines and pavement markings only when the air and pavement temperature are:
  - 1. 50 degrees F and rising for Acrylic Water Based Paint.
- H. Comply with Traffic Control Drawing TC16

### **3.3 CONTRACTOR QUALITY CONTROL**

- A. Application Rate: Verify that the paint and beads are being applied within specified tolerances prior to striping.

### **3.4 REMOVE PAVEMENT MARKINGS**

- A. Use one of these removal methods:
  - 1. Grinding
  - 2. High pressure water spray
  - 3. Sand blasting
  - 4. Shot blasting.
- B. Use equipment specifically designed for removal of pavement marking material.

END OF SECTION

**SPECIAL PROVISION**  
**Project No. SP-0191(38)63**

**SECTION 02891 M**

***TRAFFIC SIGNS***

**PART 1      GENERAL**

**1.1      SECTION INCLUDES**

Delete line A of paragraph 1.1, SECTION INCLUDES, and replace with the following:

- A.      Materials and procedures for manufacturing and installing traffic signs.

**1.2      REFERENCES**

Add the following line to paragraph 1.2, REFERENCES:

- D.      FHWA: MUTCD
- E.      FHWA: Standard Highway Sign Manual

Add the following to PART 1, GENERAL:

**1.6      STANDARDS**

- A.      Use Standard Alphabet-Numeral Series in manufacture of sign panels.
- B.      All sign panels will meet MUTCD specifications, with regard to UDOT Standards taking precedence.